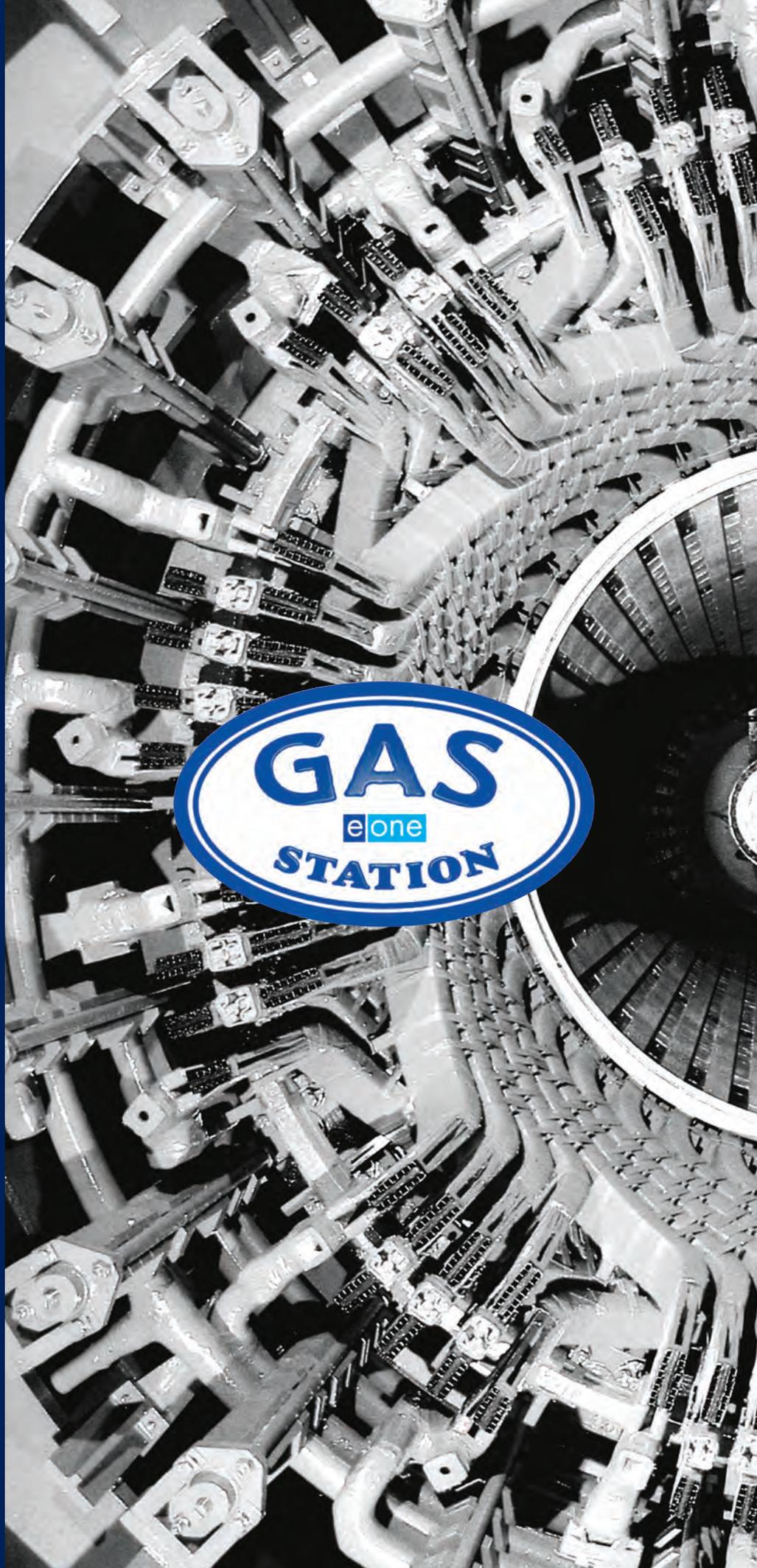


eone

e one Generating
UTILITY SYSTEMS Solutions™



GAS STATION: Generating Solutions™

POWER QUESTION:

How can power producers and generator OEMs get better information sooner to minimize forced outages and maximize performance?

POWER ANSWER:

GAS STATION™ is the ultimate integrated platform for gas monitoring and control for hydrogen-cooled turbo generators, both in new power plants and retrofit projects.

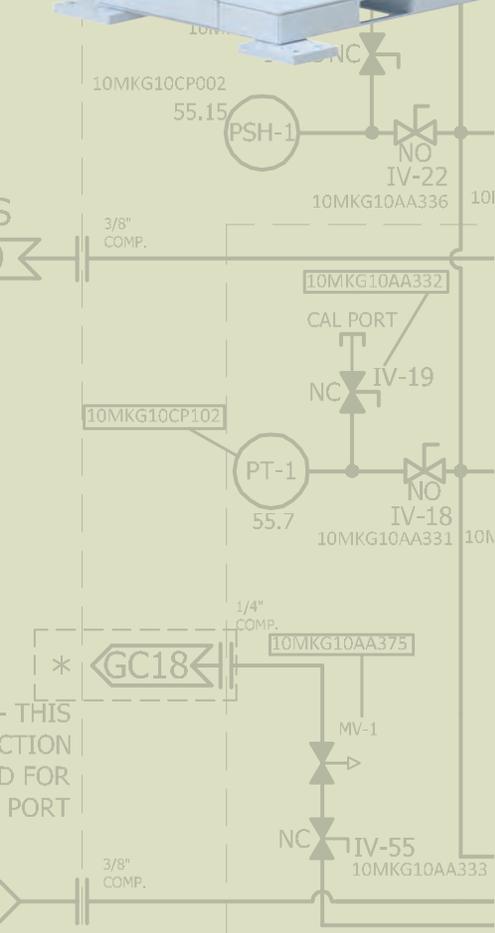
Recognized as the most flexible, cost-efficient system in the industry, GAS STATION ensures the highest measures of security and safety for your people, equipment and production.

A modular monitoring and control skid that can be customized to meet your specific needs and budget parameters, E/One's GAS STATION is scalable and allows for component additions and upgrades as your needs change.



CHOOSE WITH CONFIDENCE

Environment One, an ISO:9001 accredited company, is a trusted advisor with nearly 50 years of experience monitoring hydrogen- and air-cooled generators.



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SAFETY. EFFICIENCY. RISK MITIGATION.

COST EFFECTIVE

Power utilities and independent power producers are increasingly concerned with upfront capital expenditures and subsequent engineering and installation costs. GAS STATION offers a cost-effective solution by providing a single, integrated platform to meet your generator auxiliary upgrade needs. The result: simplified mechanical and electrical interface requirements and enables retrofits in the shortest possible time frames with lowest installation costs.

FULLY CUSTOMIZED SOLUTIONS

Every power plant outage presents a unique schedule and budget challenge for plant management. The GAS STATION is a fully customizable solution to meet specific technical and budgetary needs for your generator auxiliary upgrade. E/One's team of utility product specialists and engineers work closely with plant I&C, engineers and operations and maintenance staff to deliver the right solution for your plant.

FLEXIBLE & MODULAR SOLUTIONS

GAS STATION combines the best monitoring and control system technologies in a "plug and play" modular solution. E/One's vast library of modules and configurable design platforms ensure the shortest possible lead times and maximum design flexibility for meeting your upgrade needs. GAS STATION modules available: main gas supply manifold; gas purity monitoring; generator overheat monitoring; dew point monitoring; seal oil system monitoring and control; stator water monitoring and control; as well as customized annunciator panels.

DESIGNED FOR HAZARDOUS AREA

Safety is the top priority for all plant operators and is the GAS STATION's foundation. E/One ensures that designs meet or exceed all applicable national and international compliance standards, including ATEX, IECEx, CSA, cETLus, UL, or GOST-R.



GAS STATION MODULES

GAS STATION is a modular approach that combines monitoring and control systems into a single, integrated platform, customized to meet specific site requirements and budget parameters. GAS STATION modules include:



Generator Gas Analyzer (GGA)

Provides continuous monitoring of hydrogen and purge gases for efficiency and safety.



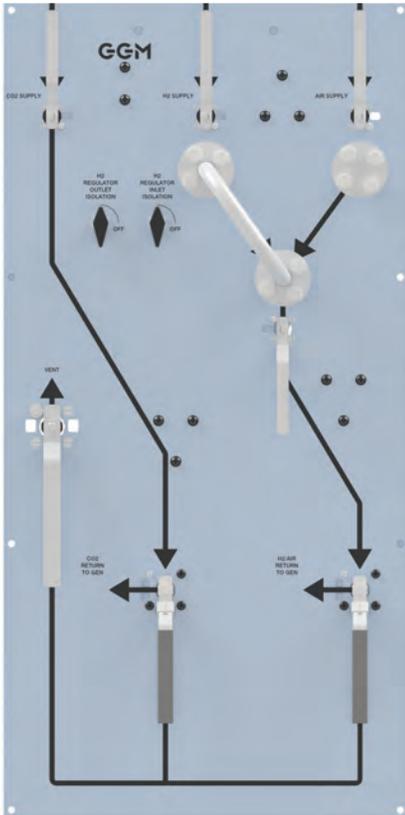
Generator Condition Monitor (GCM-X)

Provides early warning of generator hotspots, which can lead to catastrophic failure.



Generator Gas Dryer (GGD)

Removes moisture and contaminants from cooling gas, reducing threats of corrosion and windage losses.



Generator Gas Manifold (GGM)

Controls critical H₂, CO₂ and air flow for generator purge operation and regulates H₂ supply to the appropriate machine gas pressure.



Auxiliary Systems (AUX)

Meets specific custom requirements such as seal oil system monitoring and site specific annunciation.



Generator Auxiliary System (GAS)

Displays critical gas parameters including supply pressures, case and differential pressure using gages and/or digital display.



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